



M 7

HIGH SPEED GREASE EXTREME COLD

Reinforced with MoS2

DEFINITION

M7 grease is a high quality lithium-based grease that offers enhanced performance. It is specifically formulated for use at temperatures down to -70°C on mechanisms running at very high speed. This grease complies with the AIRBUS specifications and as such is included in the PQ81600.

ADVANTAGES

Contains extreme pressure, anti-wear, anti-oxidizing additives without heavy metals.
Contains molybdenum disulphide to enhance its anti-wear and extreme pressure performance
Adheres well to metals and demonstrates good resistance to water and dust.

APPLICATION FIELDS

Ball bearings, roller bearings, needles and rollers, main bearings, chains, hinges, etc. when these mechanisms are subject to extreme cold or if they run at very high speeds.

TECHNICAL CHARACTERISTICS

Colour	Grey black
Soap / oil.....	lithium / ester
Operating temperature	-70°C to 120°C
Drop point (NFT 60-102)	187°C
NLGI grade	2
Worked penetration after 60 strokes (NFT 60-132).....	265-295
Anti-rust performance (EMCOR) (NFT 60-135)	0 score
4-balls EP test (ASTM D 2596)	> 500 kg
DN factor	1,000,000
Emcor corrosion (NFT 60-135).....	0-0
Copper blade 24 hours at 100°C (ASTM D 2596).....	1a
Torque at 73°C start-up (ASTM D 1478)	< 10 daN.cm
Torque at 73°C after 1 hr (ASTM D 1478)	< 1 daN.cm
Oil separation after 3 days at 100°C.....	< 5%
Endurance on bearing at 121°C > 1200 hours	
MoS2 content > 5%	

INSTRUCTIONS FOR USE

Clean and degrease the parts before applying grease.

PACKAGING

1 kg tin

Ref. 3674 B7